

WHAT IS CLAIMED IS:

1. Dielectric resonator antenna comprising a block of dielectric
5 material, said block having a first face intended to be mounted on an earth
plane and covered with a metallic layer, wherein at least one second face
perpendicular to the first face is covered with a metallic layer over a width less
than the width of the second face and over a height less than or equal to the
height of the second face.

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2. Antenna according to Claim 1, wherein the metallic layer covering
the second face is centred with respect to the width of the said second face.

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3. Antenna according to Claim 1, wherein the metallic layer covering
the second face is extended via a metallic layer covering a third face parallel to
the first face.

4. Antenna according to Claim 3, wherein the metallic layer covering
the third face stretches over a width less than the length of the third face.

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5. Antenna according to claim 3, wherein the width of the metallic
layer covering the third face is different from the width of the metallic layer
covering the second face.

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